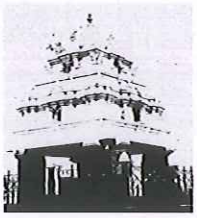
BRUHAT BANGLORE MAHANAGARA PALIKE



DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name of Work:-Modified Estimate for Improvements & Asphalting to 1st Main Road & 1st'A' main road and 10th Cross of Soundarya layout in Bagalagunte in ward no.14 T.Dasarahalli Sub Division.

Estimate Cost :- 30.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :-Modified Estimate for Improvements & Asphalting to 1st Main Road & 1st'A' main road and 10th Cross of Soundarya layout in Bagalagunte in ward no.14 T.Dasarahalli Sub Division.

								Est. Cost Rs	30.00	Lakhs
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation and forming in embankment by manual means in **ordinary soil** with initial lead upto 15 m. and lift of 1.5m. (when earth is taken from bank cutting or from borrow pits) including breaking of clods, spreading to required line and level, forming, and cost of all labour complete as per specifications. (Excluding watering and compaction of earth) MORTH Chapter 3. **Page No. 152/ Item No. 19.4/ PWD SR 2013-14**	Cum							
	1st Main road Soundarya layout (Widening portion)		2	549.00	2.50	0.35	960.75		
	1st 'A' Main road		1	73.00	6.00	0.35	153.30		
	10th Cross & Cross roads		2	25.00	5.00	0.35	87.50		
	Basic Rate	61.00					**1201.55**	65.88	**79158.00**
	Add Area Weightage 8%	4.88							
	Total	**65.88**							
2	KSRRB M400-1. **For Grading I Material** Construction of **granular sub-base** by providing close graded granular sub-base Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Specifications. A. Plant Mix Method. **Page No. 167/ Item No. 20.4.1 PWD SR 2013-14**								
			2	549.00	2.50	0.15	411.75		
			1	73.00	6.00	0.15	65.70		
			2	25.00	5.00	0.15	37.50		
	Basic Rate	982.00					**514.95**	**1060.56**	**546135.00**
	Area Weightage 8%	78.56							
	Total	**1060.56**							
3	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.MORTH Specification No. 406 **Page No. 170/ Item No.** 20.18 PWD SR. 13-14)	**Cum**							
	1st Main road Soundarya layout (Widening portion)		2	549.00	2.50	0.225	617.63		
	1st 'A' Main road		1	73.00	6.00	0.225	98.55		
	10th Cross & Cross roads		2	25.00	5.00	0.225	56.25		

	Basic Rate	1038.00					772.43	1121.04	865919.00
	Area Weightage 8%	83.04							
	Total	**1121.04**							
4	KSRRB 500-9: Providing and applying tack coat on Granular base such as WBM and WMM surfaces hot bitumen primed at 10kg per 10sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 **Page No. 176/ Item No. 21.9/ PWD SR 2013-14**	Sqm							
	1st Main road Soundarya layout (Widening portion)		2	549.00	2.50		2745.00		
	1st 'A' Main road		1	73.00	6.00		438.00		
	10th Cross & Cross roads		2	25.00	5.00		250.00		
	Basic Rate	26.80					**3433.00**	28.94	**99351.00**
	Area Weightage 8%	2.14							
	Total	**28.94**							
5	KSRRB M500-17: Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. With 25-30mm compacted thickness with 5% bitumen 80/100 grade (gradeing II) **Page No. 178/ Item No. 21.20.1/ PWD SR 2013-14**								
	1st Main road Soundarya layout (Widening portion)	Cum	2	549.00	2.50	0.03	82.35		
	1st 'A' Main road		1	73.00	6.00	0.03	13.14		
	10th Cross & Cross roads		2	25.00	5.00	0.03	7.50		
	Basic Rate	8918.00					**102.99**	9631.44	**991942.00**
	Area Weightage 8%	713.44							
	Total	**9631.44**							
6	KSRRB 400-1.3: Carriage of Mixed Materials 10 Kms for Iteam of Sl No.1.C) Rs. 5.20 per cum/KM Page No 186/PWD SR 2013-14	**Cum**							
			Qty Vide Iteam No 05				102.99		
	(10 Kmsx5.20)						102.99	56.16	**5784.00**
	Basic Rate	52.00							
	Area Weightage 8%	4.16							
	Total	**56.16**							

7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 (P.150 I.18.57/1 PWD SR 2013-14)								
			Qty vide Iteam No 01				1201.55	72.71	87359.00
	basic rate (Rs.2.0x1.28x2kms)	5.12							
	Loading and Unloading chages	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
8	KRIDL Charges 10+1+1=12%								323000.00
9	Miscellaneous and UnforessenCharges					L.S		Rs -	1352.00
								Total	3000000.00

Sub total Rs 2998648.00

(Rupees Thirty Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2013-14
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Job code No : 014-13-000021.
P. code : 2201.

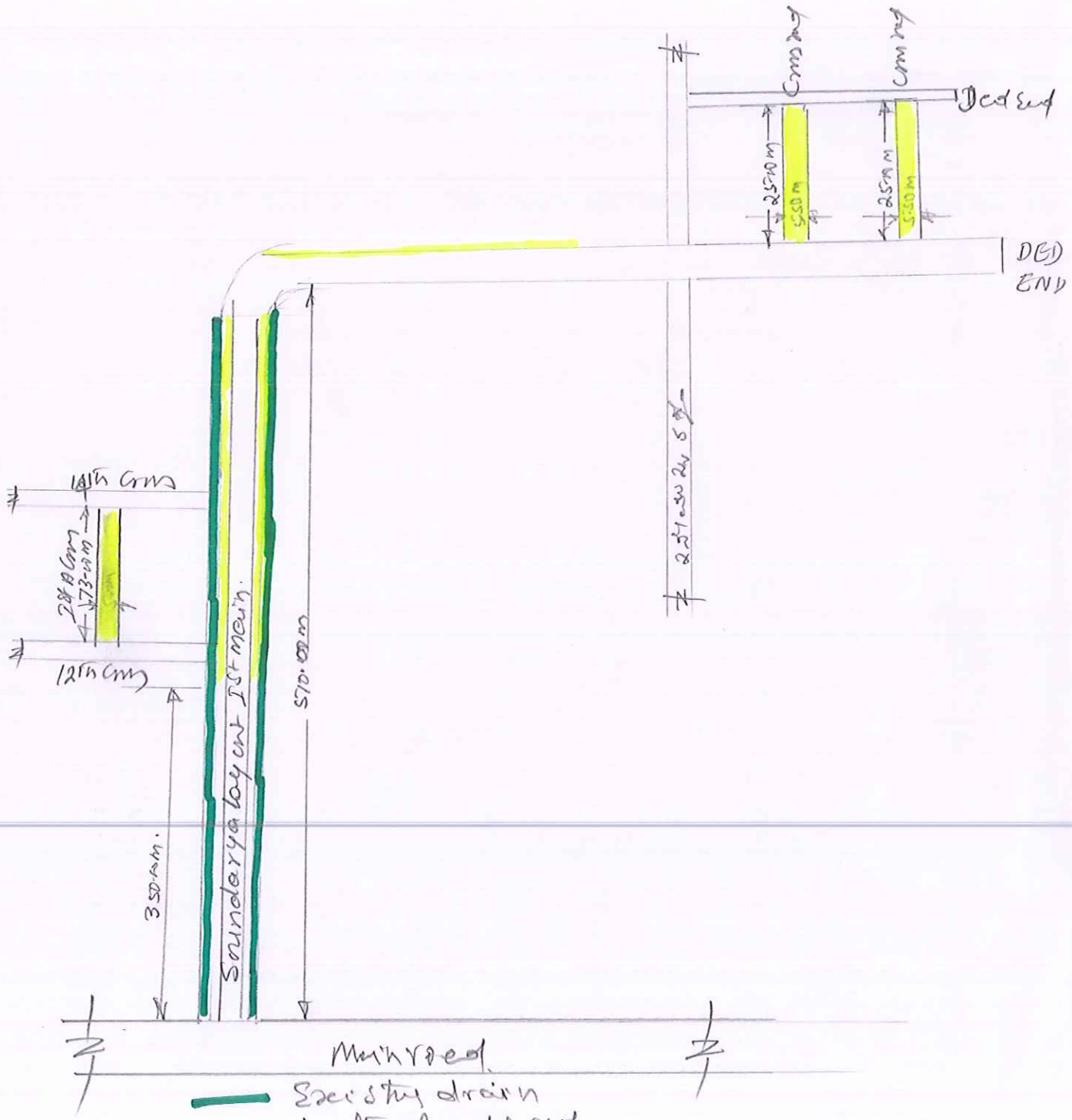
Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

CE/D2/T3/04/14-15
ನಂ. Pg 62 ದಿನಾಂಕ : 19/05/2014
ರೂ. 30.00 ಲಕ್ಷಗಳ (ದಸ್ಸು ಮಾತ್ರ ಲಕ್ಷ)
ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಧಿಕಾರಿಗಳು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Newly Formed : Improvement & Asphalting to Dr main road cy 6-
Dr from cms of Soundarya layout in Bagalagunte
in Ward No 14 T. Dasarahalli Sub division



W. 14

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ. ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂ-73.